

Patent Claims

1. Thermoplastic moulding compositions containing

5 A) 40 to 99 parts by weight of aromatic polycarbonate and/or polyester carbonate

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B) 0.5 to 60 parts by weight of graft polymer produced by bulk, solution or bulk/suspension polymerisation processes of

B.1) 50 to 99 wt.% of one or more vinyl monomers on

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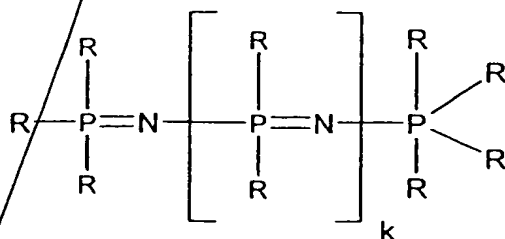
B.2) 50 to 1 wt.% of one or more grafting backbones having a glass transition temperature of $<10^{\circ}\text{C}$

C) 0 to 45 parts by weight of at least one thermoplastic polymer selected from the group comprising vinyl (co)polymers and polyalkylene terephthalates,

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D) 0.1 to 50 parts by weight of at least one component selected from the group comprising phosphazenes of the formulae

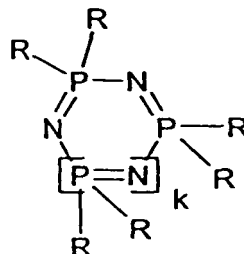
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(Ib),

in which

R is in each case identical or different and denotes amino, C_1 to C_6 alkyl, in each case optionally halogenated, preferably halogenated with fluorine, or C_1 to C_8 alkoxy, C_5 to C_6 cycloalkyl, C_6 to C_{20} aryl, preferably phenyl or naphthyl, C_6 to C_{20} aryloxy, preferably phenoxy, naphthyloxy, or C_7 to C_{12} aralkyl, preferably phenyl- C_1 - C_4 -alkyl, in each case optionally substituted by alkyl, preferably C_1 - C_4 alkyl, and/or halogen, preferably chlorine, bromine,

k denotes 0 or a number from 1 to 15, preferably a number from 1 to 10,

E) 0 to 5 parts by weight of fluorinated polyolefin.

2. Moulding compositions according to claim 1 containing

60 to 98.5 parts by weight of A

1 to 40 parts by weight of B

0 to 30 parts by weight of C

2 to 35 parts by weight of D and

0.1 to 1 part by weight of E.

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3. Moulding compositions according to ^{claim 1}~~claims 1 and 2~~ containing 2 to 25 parts by weight of C.
- 5 4. Moulding compositions according to ^{claim 1}~~claims 1 to 3~~ containing 5 to 25 parts by weight of D.
- 5 5. Moulding compositions according to ^{claim 1}~~the preceding claims~~, wherein vinyl monomers B.1 are mixtures prepared from
- 10 B.1.1 styrene, α -methylstyrene, halo- or alkyl-ring-substituted styrenes and/or (meth)acrylic acid C₁-C₈ alkyl esters and
- 15 B.1.2 unsaturated nitriles, (meth)acrylic acid C₁-C₈ alkyl esters and/or derivatives of unsaturated carboxylic acids.
- 20 6. Moulding compositions according to ^{claim 1}~~the preceding claims~~, wherein the grafting backbone is selected from among at least one rubber from the group comprising diene rubbers, EP(D)M rubbers, acrylate, polyurethane, silicone, chloroprene and ethylene/vinyl acetate rubber.
- 25 7. Moulding compositions according to ^{claim 1}~~the preceding claims~~ containing at least one additive selected from the group comprising lubricants and mould release agents, nucleating agents, anti-static agents, stabilisers, dyes and pigments.
8. Moulding compositions according to ^{claim 1}~~the preceding claims~~ containing further flame retardants which differ from component D.

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